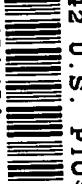


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42 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003_0941

First Named Inventor : Naganori SHIRAKATA et al.

Title: MODULATOR, DEMODULATOR, AND TRANSMISSION
SYSTEM FOR USE IN OFDM TRANSMISSION

Express Mail Label No.:

147496147496
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07/08/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. Small Entity Status is hereby asserted.

3. Specification *(preferred arrangement set forth below)*
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Sequence Listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) *(35 USC 113)* *(Total Sheets: 16)*

5. Oath or Declaration *(Total Pages : 3)*
 a.1. Newly executed (original or copy)
 a.2. Unexecuted
 b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet (see 37 CFR 1.76)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

Continuation Divisional Continuation-in-part (CIP) of prior application No. 09/317,961

Prior Application Information: Examiner David E. Odland

Group Art Unit 2662

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



000513

PATENT TRADEMARK OFFICE

By: 
 David M. Ovedovitz
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July 8, 2003

THE COMMISSIONER IS AUTHORIZED
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 ACCOUNT NO. 23-0975

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Naganori SHIRAKATA et al.

Serial No. NEW : Attn: APPLICATION BRANCH

Filed July 8, 2003 : Attorney Docket No. 2003_0941

MODULATOR, DEMODULATOR, AND
TRANSMISSION SYSTEM FOR USE IN
OFDM TRANSMISSION

(Rule 1.53(b) Divisional
of Serial No. 09/317,961,
Filed May 25, 1999)

PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

THE COMMISSIONER IS AUTHORIZED
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ACCOUNT NO. 23-0975

Attached hereto is a check in the amount of \$1,338.00 to cover Patent Office fees relating to filing the following attached papers:

Rule 53(b) application \$750.00

Additional Claims Fee:
Independent \$588.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Naganori SHIRAKATA et al.

By David M. Ovedovitz
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July 8, 2003

[Check No. 56541]
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